

HEATING, VENTILATION, AND
AIR CONDITIONING
BOARD MEETING
JULY 30, 2008



Division of Building Safety
IDAHO HVAC BOARD FUND
Fiscal Year 2008 Financial Statements
As of 5/31/2008



Statement of Revenues and Expenditures

Class	Budget	YTD Amount	Encumbrances	YTD Collected/ Obligated	YTD Collected/ Obligated as a % of Budget *	YTD Remaining Budet	Projected for Remainder of Year	Projected Year End Totals	Projected Total as a % of Budget
Revenues:	1,785,000	1,325,192		1,325,192	74.2%	459,808	90,000	1,415,192	79.3%
Expenditures									
Personnel:	1,189,344	1,062,601	-	1,062,601	89.3%	126,743	92,000	1,154,601	97.1%
Operating:	450,835	235,273	-	235,273	52.2%	215,562	91,500	326,773	72.5%
CAS:	486,965	88,763	140,904	229,667	47.2%	257,298	-	229,667	47.2%
Capital:	-	6,062	-	6,062	0.0%	(6,062)	25,500	31,562	0.0%
Total Expenditures	2,127,144	1,392,699	140,904	1,533,603	72.1%	593,541	209,000	1,742,603	81.9%
Net for FY 2008	(342,144)	(67,507)	(140,904)	(208,411)			(119,000)	(327,411)	
	(36,130)								
	486964.8								

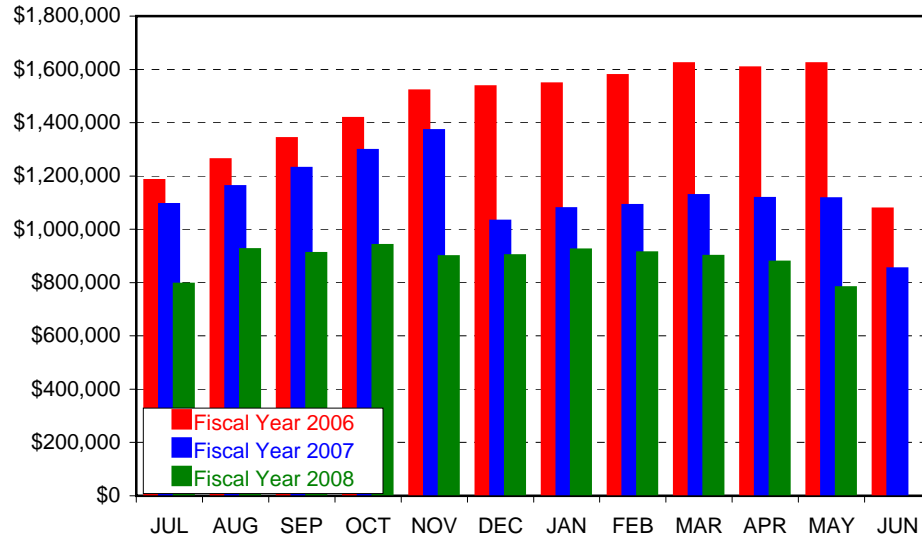
Statement of Cash Balance

Beginning Cash	Revenues	Expenditures	Encumbrances	Net Transfers	Other Changes in Cash	Liquidation of Prior Year Encumbrance	Available Cash	Projected Change in Cash for Remainder of Year	Projected Year End Available Cash
754,395	1,325,192	(1,392,699)	(140,904)	152,502	3,611	(70,295)	631,801	(119,000)	512,801

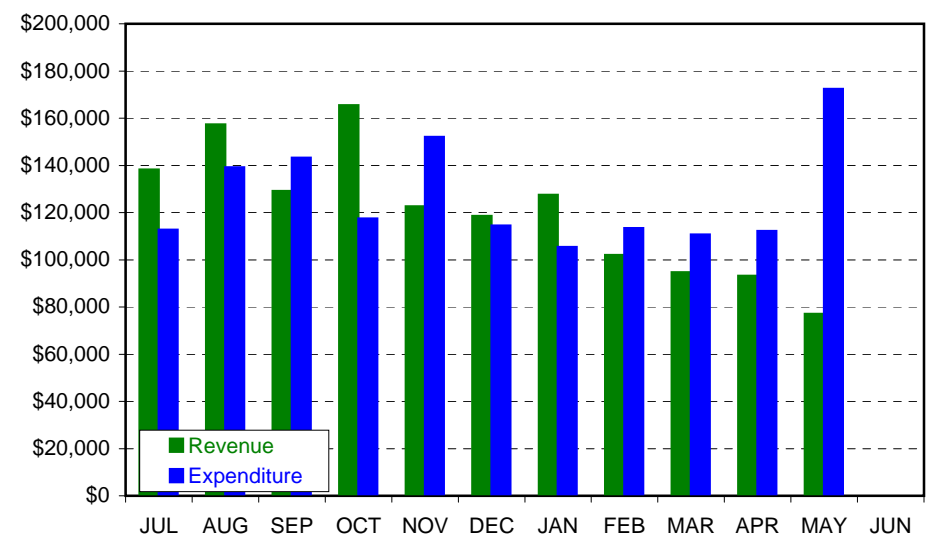
* Percent of Fiscal Year Completed 91.7%
Percent of Pay Periods Completed 92.3%

IDAHO HVAC BOARD FUND

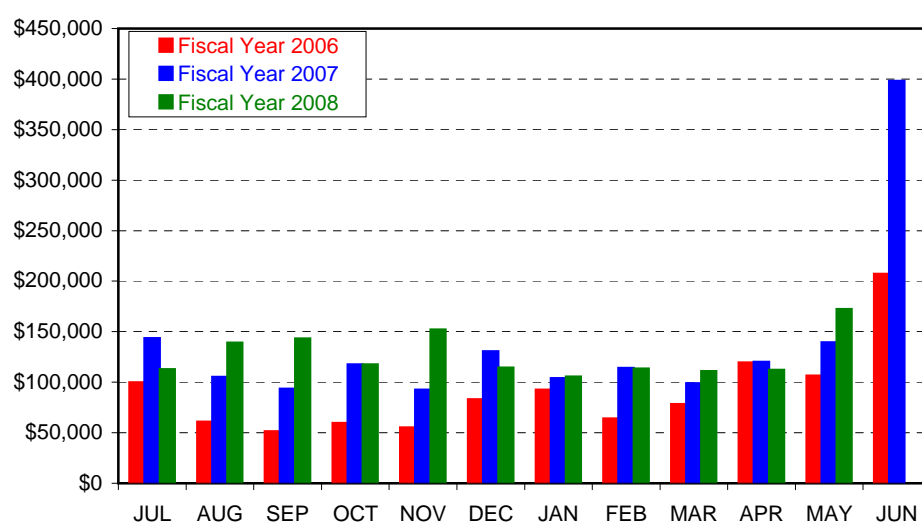
Month-End Cash Balance



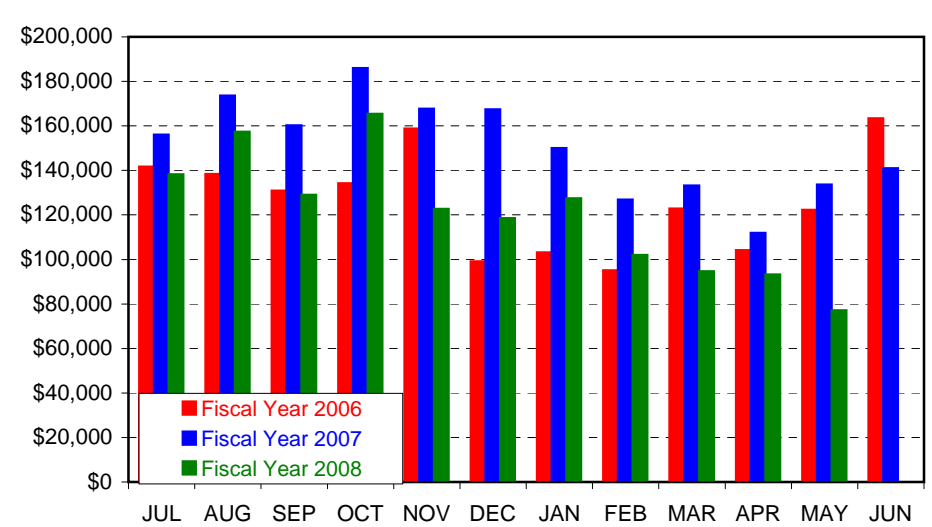
FY 08 Revenue vs Expenditures



FY 06-08 Expenditures



FY 06-08 Revenue



Renee Bryant

From: Carl Lohrengel
Sent: Thursday, July 10, 2008 12:07 PM
To: Renee Bryant
Subject: Emailing: H0479.htm

HOUSE BILL NO. 479

View [Bill Status](#)

View [Bill Text](#)

View [Statement of Purpose / Fiscal Impact](#)

Text to be added within a bill has been marked with Bold and Underline. Text to be removed has been marked with Strikethrough and Italic. How these codes are actually displayed will vary based on the browser software you are using.

This sentence is marked with bold and underline to show added text.

~~*This sentence is marked with strikethrough and italic, indicating text to be removed.*~~

Bill Status

H0479.....by BUSINESS
 HVAC APPRENTICE - Amends existing law to revise the registration fee and registration duration for heating, ventilation and air conditioning apprentices and specialty apprentices.

02/06 House intro - 1st rdg - to printing
 02/07 Rpt prt - to Bus
 03/12 Rpt out - to Gen Ord

Bill Text

]]]] LEGISLATURE OF THE STATE OF IDAHO]]]]
 Fifty-ninth Legislature Second Regular Session - 2008

IN THE HOUSE OF REPRESENTATIVES

HOUSE BILL NO. 479

BY BUSINESS COMMITTEE

1 AN ACT
 2 RELATING TO HEATING, VENTILATION AND AIR CONDITIONING APPRENTICES AND SPE
 3 CIALTY APPRENTICES; AMENDING SECTION 54-5012, IDAHO CODE, TO REVISE TH
 4 REGISTRATION FEE AND REGISTRATION DURATION FOR APPRENTICES AND SPECIALT

5 APPRENTICES AND TO MAKE A TECHNICAL CORRECTION.

6 Be It Enacted by the Legislature of the State of Idaho:

7 SECTION 1. That Section 54-5012, Idaho Code, be, and the same is hereb
8 amended to read as follows:

9 54-5012. FEES FOR APPLICATION FOR EXAMINATION, CERTIFICATES OF COMPETENC
10 AND REGISTRATION OF APPRENTICES. (1) Application for examination.
11 (a) HVAC contractor or specialty contractor.....\$35.0
12 (b) HVAC journeyman or specialty journeyman.....\$35.0
13 (2) Certificate of competency, initial issue, valid for one (1) year; o
14 may be issued at the annual rate for up to three (3) years.
15 (a) HVAC contractor or specialty contractor.....\$75.0
16 (b) HVAC journeyman or specialty journeyman.....\$50.0
17 (3) Renewal of certificate of competency, valid for one (1) year; or ma
18 be issued at the annual rate for up to three (3) years.
19 (a) HVAC contractor or specialty contractor.....\$50.0
20 (b) HVAC journeyman or specialty journeyman.....\$25.0
21 (4) Each apprentice and specialty apprentice is required to registe
22 annually with the division of building safety and maintain such registratio
23 during the entire period in which he is gaining his experience. The ~~annual~~
24 registration fee ~~is fifteen~~ for apprentices shall be fifty dollars (\$~~15~~50.00
25 and shall be valid for five (5) years. The registration fee for specialt
26 apprentices shall be twenty dollars (\$20.00) and shall be valid for two (2
27 years.

Statement of Purpose / Fiscal Impact

STATEMENT OF PURPOSE

RS 17410

Revisions to Section 54-5012, Idaho Code, will fundamentally change the registration requirement for HVAC apprentices. Currently, annual registrations are required and the \$15 fee is insufficient to cover the cost of issuing the registration. Also, many apprentices fail to renew in a timely manner, which results in their losing credit for hours worked while their registration is expired. This legislation dovetails with parallel legislation to standardize registration requirements for electrical, plumbing, and HVAC apprentices. The five-year time period should be sufficient for most apprentices to complete their training and transition to journeymen. It also allows a one-year window for employers to evaluate their new hires prior to investing in their schooling.

FISCAL NOTE

None.

CONTACT

Name: Steve Keys
Agency: Building Safety
Phone: 332-8986

7/10/2008

STATEMENT OF PURPOSE/FISCAL NOTE

H 479

STATE OF TEXAS, COUNTY OF DALLAS, BEFORE ME, the undersigned authority, on this day personally appeared _____, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

Meter/Regulator Stub Out

404.5 Protection from physical damage

404.5.1 Installation in Areas of Heavy Snowfall. In areas where heavy snow fall is anticipated, piping, regulators, meters, and other equipment installed in the piping system shall be protected from the forces anticipated as a result of accumulated snow. A stake or marker shall be installed higher than the average snow cover depth to indicate the location of the regulator or meter.

404.5.2 Point of termination. Gas piping stubbed out for a meter or regulator connection shall be a minimum of 3 feet horizontally from any building opening, and not less than 5 feet horizontally from any source of ignition, opening to direct-vent (sealed combustion system) appliance, or mechanical ventilation air intakes.

Due to recent heavy snow falls and an increase in gas related incidents we have drafted the above language that would reflect an amendment to the IFGC in chapter 4. It includes language from the following sources:

- NFPA 2008 6.8.1.5-7, 6.15
- LP gas code handbook 6.6.3.6

DBS will still maintain its current inspection policy and jurisdiction. We will not inspect upstream of the installation of the meter/regulator.

IDAPA 07
TITLE 07
CHAPTER 01

07.07.01-RULES GOVERNING INSTALLATION OF HEATING, VENTILATION, &
AIR CONDITIONING SYSTEMS

060. REQUIRED INSPECTIONS.

01.

02. Inspection Tags. Inspectors certify to the permit holder that an inspection has been done by securely attaching the appropriate inspection tag to the equipment in a prominent location.

a. Final Inspection Tags. ~~Blue-colored “final inspection” tags are~~ An inspection tag indicating that a final inspection has been performed is attached when the HVAC installation as specified on the permit is complete and conforms to the requirements of the code and rules.

b.

c. Work in Progress Tag. ~~Green-colored “work in progress” inspection tags are~~ An inspection tag indicating that a work-in-progress inspection has been performed is attached following inspections of ground work, rough-in work, or any portion of the installation that is to be covered or otherwise concealed before the completion of the entire HVAC installation as specified on the permit.

**IDAPA 07
TITLE 07
CHAPTER 01**

**07.07.01 - RULES GOVERNING INSTALLATION OF HEATING, VENTILATION, AND AIR CONDITIONING SYSTEMS,
DIVISION OF BUILDING SAFETY**

051. FEES FOR HVAC INSPECTIONS.

HVAC inspection fees are to cover the cost of HVAC inspections as provided by Section 54-5017, Idaho Code; any person, partnership, company, firm, association, or corporation making an HVAC installation shall pay to the Division of Building Safety an inspection fee as provided in the following schedule: (3-26-08)

01. New Residential - Single-Family Dwelling. Includes all buildings with HVAC systems being constructed on each property.

New Residential - Single-Family Dwelling	
Up to 1,500 Square feet of living space	- \$130
1,501 to 2,500 Square feet of living space	- \$195
2,501 to 3,500 Square feet of living space	- \$260
3,501 to 4,500 Square feet of living space	- \$325
Over 4,500 Square feet of living space	- \$325 plus \$65 for each additional 1000 sq. ft. or portion thereof

(3-26-08)

02. New Residential - Multi-Family Dwellings.

New Residential - Multi-Family Dwellings	
Duplex Apartment	- \$260
Three (3) or more multi-family units	- \$130 per Building plus \$65 per Unit

(3-26-08)

03. Existing Residential. Sixty-five dollars (\$65) plus ten dollars (\$10) for each additional piece of HVAC equipment being installed up to a maximum of the corresponding square footage of the residential building.

(3-26-08)

04. Other Installations Including Industrial and Commercial. The inspection fees listed in this Section shall apply to any and all HVAC installations not specifically mentioned elsewhere in this schedule. The HVAC cost shall be the cost to the owner of all labor charges and all other costs that are incurred in order to complete the installation of any and all HVAC equipment and materials installed as part of the HVAC system.

(3-26-08)

a. HVAC system cost not exceeding ten thousand dollars (\$10,000): sixty dollars (\$60) plus two percent (2%) of the total HVAC system cost. (3-26-08)

b. HVAC system cost over ten thousand dollars (\$10,000) but not exceeding one hundred thousand dollars (\$100,000): two hundred sixty dollars (\$260) plus one percent (1%) of the HVAC system cost exceeding ten thousand dollars (\$10,000). (3-26-08)

c. HVAC system cost over one hundred thousand dollars (\$100,000): one thousand one hundred sixty dollars (\$1,160) plus one half of one percent (.5%) of the HVAC system cost exceeding one hundred thousand dollars (\$100,000). (3-26-08)

d. All fees calculated under this schedule must be calculated on the total HVAC cost of the job, and this figure must be shown on the permit. (3-26-08)

05. Requested Inspections A fee of sixty-five dollars (\$65) per hour or portion of an hour shall apply, with the requesting party responsible for all costs incurred in out-of-state travel. (3-26-08)

06. Additional Fees and Re-Inspection Fees. A fee of sixty-five dollars (\$65) per hour or portion of an hour shall apply to: (3-26-08)

a. Trips to inspect when the submitter of the permit had given notice to the Division of Building Safety that the work is ready for inspection and it is not, if the submitter has not accurately identified the work location, or if the inspector cannot gain access to make the inspection. (3-26-08)

b. Trips to inspect corrections required by the inspector as a result of the submitter improperly responding to a corrective notice. (3-26-08)

c. Each trip necessary to remove a red tag from the jobsite. (3-26-08)

d. When corrections have not been made in the prescribed time, unless an extension has been requested and granted. (3-26-08)

e. No permit - failure to post or send permit and required fee in the prescribed time will, at the discretion of the Division, result in the assessment of a double fee. (3-26-08)

07. Plan Check Fee. Sixty-five dollars (\$65) per hour or portion thereof. (3-26-08)

HVAC Curriculum change cover sheet.

The six technical colleges began teaching HVAC apprentices in the fall of 2005 using the original curriculum outline presented to the HVAC board during the spring and summer of 2005. After three years of experience in the classroom with this outline the colleges and their advisory committees have suggested a few modifications.

You will see the for the most part these changes are minor, with either an increase or a reduction in hours for a particular subject area. These changes are recommended because of the experience in the classroom about how long it takes to present the material.

The biggest change is the moving of the basic electricity module to the second year and moving the fuel piping and venting module from year two to year one. The other change is the combining of the Basic Safety and Hand and Power Tools into one subject area rather than listing them separately, along with a change in hours.

The changing of the electrical module to the second year from the first year is suggested because it brings it closer to other modules that build upon the electrical material. It is thought that the curriculum will flow better in this format.

The hours still meet the minimum 144 hours as required, but in many cases the schools will have more than the 144 hours. Those additional hours are left to the individual schools to determine as they work with their students.

The technical colleges are planning to move to this new curriculum beginning fall 2008, making sure that every student will receive each module as they work through this change.

Respectfully submitted

Burton Waite

Idaho Division of Professional-Technical Education

HVAC Curriculum outline modifications	
Current curriculum outline last two years	New curriculum outline beginning fall 2008
Year one	Year One
Customer Service - 3 hours	Customer Service - 3 hours
Basic Safety - 18 hours	Basic Safety, Hand & Power tools - 18 hours
Basic Electricity - 45 hours	Moved to Year Two
Basic Math - 9 hours	Basic math - 12 hours
Energy sources - 12 hours	Energy Resources 9 hours
Intro to Applied Science - 24 hours	Intro to applied Science - 24 hours
Basic hand and power tools - 12 hours	
Introduction to code - 9 hours	Introduction to code 9 hours
Basic systems overview - 12 hours	
	Fuel Piping & Venting - 60 hours
Total Hours -	
Year two	Year Two
Fuel Piping and Venting - 60 hours	Moved to Year One
Introduction to blueprints and specifications - 24hrs	Introduction to Blue Prints and Spec - 24 hours
Appliance Installation - 24 hours	Appliance Installation - 24 hours
Heat Gain/Loss - 21 hours	Residential load Calculations - 21 hours
Indoor Air Quality - 15 hours	Indoor Air Quality - 15 hours
	Basic Electricity - 60 hours
Year Three	Year Three
Basic Controls - 30 hours	Basic Controls - 30 hours
System Air Flow and Duct Sizing - 30 hours	System Air Flow and duct sizing - 30 hours
Basic Air conditioning and refrigeration - 30 hours	Basic Air Conditioning and Refrigeration - 30 hours
Introduction to Hydronics - 6 hours	Introduction to Hydronics - 6 hours
Basic Sheet Metal - 39 hours	Basic Sheet Metal - 39 hours
Introduction to Service - 9 hours	Introduction to Service - 9 hours
Year Four	Year Four
Introduction to Testing and Air Balance - 12 hours	Introduction to Testing and Air Balance - 12 hours
Introduction to HVAC control strategies - 6 hours	Introduction to HVAC control strategies - 6 hours
Advanced Air Conditioning and Heat Pumps - 39 hours	Advanced Air Conditioning and Heat Pumps - 39 hours
Advanced Service - 24 hours	Advanced Service - 24 hours
System Integration and Design (Project Format) 12 hours	System Integration and Design (Project Format) - 12 hrs
Code Review - 42 hours	Code Review - 42 hours
Project management - 9 hours	Project Management - 9 hours

LEGEND TO THE NOTICE OF VIOLATIONS FOR HVAC

Code	Brief Description
HVC.01	Unlicensed Contractor or Specialty Contractor
HVC.02	Knowingly Employing Unlicensed Person
HVC.03	Unlicensed Journeyman, Apprentice, Specialty or Specialty Apprentice
HVC.04	Failure to Supervise
HVC.05	Performance Outside Scope of License
HVC.06	Failure to Permit and/or Pay Applicable Fees
HVC.07	Failure to Correct
HVC.08	Gross Violations

DBS - Notice of Violation Listing

Ticket No.	License Number	Permit Number	Written Date	Insp	Owner/Contractor Name	Company Name	Violation Code	Issued Date	CP Amount	CP Paid Date	Status	Warning Issued Date
HVC-293	HVC-J-4870		05/21/2008	CL	MUNSON, CHRISTOPHER M		HVC .01 HVC .02 HVC .06 HVC .08	06/04/2008	\$500.00		Active	
HVC-294	PLB-A-5305		05/21/2008	CL	WICKARD, PATRICK S		HVC .03	06/04/2008	\$100.00		Cancelled	
HVC-295	HVC-J-4870		05/21/2008	CL	MUNSON, CHRISTOPHER M		HVC .01 HVC .02 HVC .06 HVC .08	06/04/2008	\$500.00		Active	
HVC-296	PLB-A-5305		05/21/2008	CL	WICKARD, PATRICK S		HVC .03	06/04/2008	\$100.00		Cancelled	
HVC-300			06/04/2008	6T	JOSHUA JUEL HUGHES		HVC .03	07/10/2008	\$100.00		Active	
HVC-299			06/05/2008	6T	ANDREW VANCE		HVC .03	07/10/2008	\$100.00		Active	
HVC-302			06/23/2008	6T	ETHAN BAILEY		HVC .03	07/10/2008	\$100.00		Active	
HVC-303			06/23/2008	6T	BOB MAHLEN		HVC .03	07/10/2008	\$100.00		Active	
HVC-304			06/23/2008	6T	JUSTIN WEBB		HVC .03	07/10/2008	\$100.00		Active	
HVC-305			06/23/2008	6T	RANDY COLEMAN		HVC .03	07/10/2008	\$100.00		Active	
HVC-297	HVC-C-33		06/05/2008	6T	BRIZEE, DANIEL B	Brizee Heating and Air Conditioning	HVC .02	07/10/2008	\$100.00		Active	
HVC-306			06/27/2008	3P	Clint Davis	C&N Construction	HVC .01 HVC .03	07/10/2008	\$900.00		Active	
HVC-287	HVC-C-747	HVC-C-26076	04/23/2008	6T	JOHNSON, DEBBIE	Clima-Tech Corp	HVC .02	06/04/2008	\$400.00	06/23/2008	PAID	
HVC-292	HVC-C-1111	HVC-C-26439	05/19/2008	23B	DEPUE, KENNETH J	Design Air, Inc.	HVC .06	06/04/2008	\$100.00		Cancelled	
HVC-289			04/23/2008	6T		DON THOMAS C/O CLIMA-TECH CO	HVC .03	06/04/2008	\$100.00	06/23/2008	PAID	
HVC-298	HVC-SC-33	HVC-C-26670	06/05/2008	14C	BRYNTESEN, CASEY	Ironstone Distributors, Inc	HVC .06	07/10/2008	\$100.00		Active	
HVC-290	HVC-C-3462		05/08/2008	6T	KONRAD, DANIEL	Kam Philgas	HVC .06	06/04/2008	\$100.00		Active	
HVC-288	HVC-A-39		04/23/2008	6T		ROY, LUCAS W C/O CLIMA-TECH C	HVC .03	06/04/2008	\$100.00	06/23/2008	PAID	
HVC-301			06/23/2008	6T		SHOCKEY SHEETMETAL	HVC .01 HVC .02 HVC .03 HVC .06	07/10/2008	\$800.00		Active	
HVC-291		HVC-H-2253	05/16/2008	7P	TERRY STODDARD	STODDCO HEATING & AIR CONDITIONING	HVC .01 HVC .03	06/20/2008	\$700.00	06/30/2008	PAID	

7/10/08

I.C.C.

HVAC EXAM SUMMARY

T= TOTAL TESTED

P = TOTAL PASSED

% = PERCENT PASSED

MONTH	CONTRACTOR			JOURNEYMAN			HEARTH SPEC. CONTRACTOR			HEARTH SPEC. JOURNEYMAN			TOT TSTD	TOT PASS	% PASS
	T	P	%	T	P	%	T	P	%	T	P	%			
JAN 07	7	6	86%	21	15	71%							28	21	75%
FEB 07	4	3	75%	8	6	75%							12	9	75%
MAR 07	6	6	100%	13	9	69%							19	15	79%
APR 07	6	6	100%	15	7	47%							21	13	62%
MAY 07	12	11	92%	18	9	50%							30	20	67%
JUN 07	7	5	71%	14	9	64%							21	14	67%
JUL 07	6	6	100%	18	9	50%							24	15	63%
AUG 07	7	6	86%	17	13	76%							24	19	79%
SEPT 07	4	3	75%	11	6	55%				4	2	50%	19	11	58%
OCT 07	13	10	77%	17	12	71%							30	22	73%
NOV 07	4	4	100%	12	7	58%							16	11	69%
DEC 07	2	2	100%	5	3	60%							7	5	71%
JAN 08	10	9	90%	19	9	47%				1	1	100%	30	19	63%
FEB 08	3	1	33%	28	15	54%							31	16	52%
MAR 08	5	5	100%	24	12	50%							29	17	59%
APR 08	7	7	100%	15	11	73%							22	18	82%
MAY 08	5	5	100%	18	14	78%							23	19	83%
JUN 08	5	4	80%	20	14	70%							25	18	72%
JUL 08															
AUG 08															
SEPT 08															
OCT 08															
NOV 08															
DEC 08															
Total	113	99	88%	293	180	61%	0	0		5	3	60%	411	282	69%

HVAC JOURNEYMAN FIRST EXAM ATTEMPTS

2008

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TTL	%
BSU	T		1		1	4								6	33%
	P		0		0	2								2	
LCSC	T													0	
	P													0	
CSI	T													0	
	P													0	
EITC	T			2			1							3	0%
	P			0			0							0	
ISU	T													0	
	P													0	
JATC	T	2	7		1	4	6							20	70%
	P	1	3		0	4	6							14	
NIC	T		1											1	0%
	P		0											0	
OOS/PR 04	T	11	9	12	7	9	7							55	64%
	P	6	7	6	7	7	2							35	
TOTAL	T	13	18	14	9	17	14							85	60%
	P	7	10	6	7	13	8							51	
%		54%	56%	43%	78%	76%	57%							60%	